

## ABSTRACT OF THE DISCLOSURE

A color gamut that has been mapped from a monitor gamut into a printer gamut by gamut mapping is narrower than the printer gamut. Hence, an image to be output, which is corrected by gamut mapping, has low contrast and poor vividness. Hence, a gamut enlargement correction unit (1208) maps an intermediate mapped gamut into the printer gamut with reference to the intermediate mapped gamut obtained by mapping the monitor gamut, and the printer gamut, thus obtaining a mapped gamut for gamut mapping.

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